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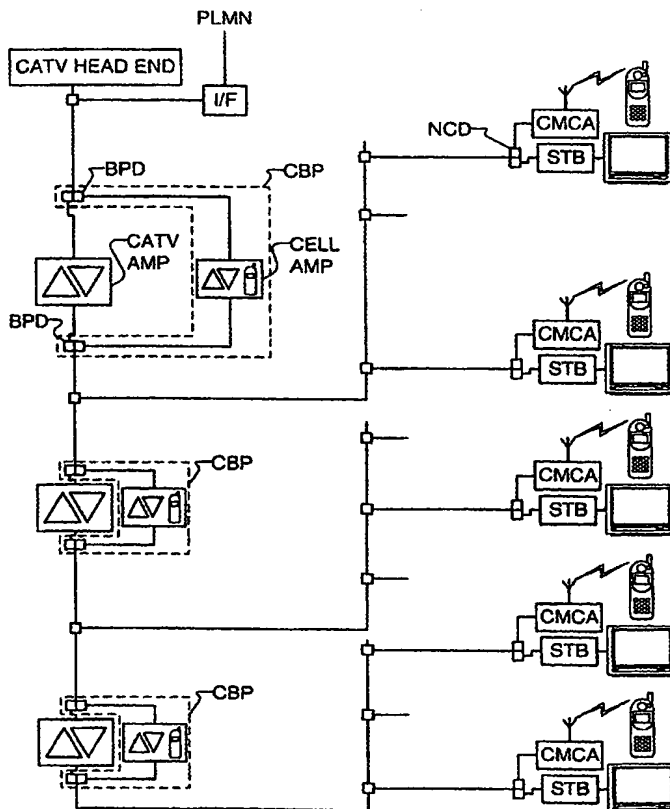
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(54) Title: WIRELESS PROVIDER MONITORING OF CATV SEGMENT



(57) Abstract: A monitor enabled amplifier in the CATV segment of a wireless network includes a cellular interface communicating with a network control center to provide status information pertaining to the CATV network. A monitor enabled cable Mount cellular antenna with a twin mode cellular interface provide status and location correlation information to the network control center. The location correlation information supports an emergency response system and differential billing.

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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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INTERNATIONAL SEARCH REPORT

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PCT/US02/33650**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : H04H 1/00, 7/00; H04Q 7/20; H04N 7/16, 7/173

US CL : 455/3.01, 3.05, 3.06, 426, 454; 725/62, 105, 106

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 455/3.01, 3.05, 3.06, 426, 454; 725/62, 105, 106

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST - cellular, telephone, CATV, amplifier, settop

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,953,670 A (NEWSON) 14 September 1999, whole document	1-65
X,P	US 6,397,388 B1 (ALLEN) 28 May 2002, whole document	1-65
A	US 5,642,155 A (CHENG) 24 June 1997, whole document	1-65
A	US 5,987,303 A (DUTTA et al) 16 November 1999, whole document	1-65
A	US 5,812,184 A (MARTINEZ) 22 September 1998, whole document	1-65



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See patent family annex.

* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

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